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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO. I-2-0096.3US

SERIAL NO. 10/084,007

APPLICANT Lomp et al.

FILING DATE February 27, 2002 GROUP 2611

		U.S. PATENT	DOCUMENTS				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS		DATE IF
/DH/	5,345,596	09/1994	Buchenhorner et al.				
/DH/	5,465,399	11/1995	Oberholtzer et al.				
						-	
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		FOREIGN PATE	NT DOCUMENTS		<u> </u>	<u></u>	
EXAMINER INTIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRAN	SLATION
		OTHER DO	DCUMENTS				
EXAMINER INITIAL	DESCR	DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)					
/DH/	Interim European Telecor Common air interface spec	Interim European Telecommunication Standard (I-ETS) 300 131, "Radio Equipment and Systems (RES), Common air interface specification to be used for interworking between cordless telephone apparatus in the frequency band 864,1 MHz to 868,1 MHz, including public services," April 1992					
/DH/	America LLC's Response to	Public Version Of Respondents Samsung Electronics America, Inc.'s and Samsung Telecommunications America LLC's Response to the Complaint and Notice of Investigation, In the Matter of Certain 3G Wideband Code Division Multiple Access (WCDMA) Handsets And Components Thereof, Investigation No. 337-TA-601, May 31, 2007.					

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/DH/	5,544,196	3/1994	Tiedemann, Jr. et al				
/DH/	5,689,815	5/1995	Yamazaki et al				
		-					
		FOREIGN PATE	NT DOCUMENTS				
EXAMINER INITIAL						TRAN	SLATION
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
		OTHER DO	CUMENTS				
EXAMINER INITIAL	DESCI		g Author, Title, Date, Pertine	nt Pages, E	tc.)		
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 11 **ORM PTO-1449** ATTY, DOCKET NO. SERIAL NO. I-2-0096.3US 10/084,007 **U.S. DEPARTMENT OF COMMERCE APPLICANT** PATENT AND TRADEMARK OFFICE Lomp et al. INFORMATION DISCLOSURE **FILING DATE GROUP** STATEMENT BY APPLICANT February 27, 2002 2634 (Use several sheets if necessary) U.S. PATENT DOCUMENTS EXAMINER INITIAL FILING DATE IF APPROPRIATE DOCUMENT NUMBER DATE NAME CLASS SUBCLASS 3,700,820 10/1972 Blasbalg et al. 3,761,610 09/1973 Krallinger et al. 4,069,392 01/1978 Goldenberg et al. 4,156,277 05/1979 Seitz et al. 4,292,623 09/1981 Eswaran et al. 4,320,513 03/1992 Lampert 4,384,307 05/1983 Kuzmik et al. 4,385,206 05/1983 Bradshaw et al. 09/1983 4,403,322 Kato et al. 4,425,665 01/1984 Stauffer 4,458,314 07/1984 **Grimes** 4,480,307 10/1984 Budde et al. 4,570,220 02/1986 Tetrick et al. 4,583,124 04/1986 Tsuji et al. 4.608,700 08/1986 Kirtley, Jr. et al. 12/1986 4,630,126 Kaku et al. 4,646,232 02/1987 Chang et al. 4,667,192 05/1987 Schmid et al. 4,675,865 06/1987 DeVries et al. 4,709,343 11/1987 Van Chang 4,744,079 05/1988 Csapo et al. 4,768,145 08/1988 Wheelwright et al. 4,811,262 03/1989 White 4,811,421 03/1989 Havel et al. 4,862,402 08/1989 Shah et al. 4,901,307 02/1990 Gilhousen et al. DATE CONSIDERED **EXAMINER**

Sheet 2 of 11 ATTY, DOCKET NO. SERIAL NO. I-2-0096.3US 10/084,007 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE **APPLICANT** Lomp et al. INFORMATION DISCLOSURE STATEMENT BY APPLICANT **FILING DATE GROUP** February 27, 2002 2634 (Use several sheets if necessary) U.S. PATENT DOCUMENTS EXAMINER INITIAL FILING DATE IF APPROPRIATE DOCUMENT NUMBER DATE SUBCLASS NAME CLASS 4,914,574 04/1990 Terada et al. 5,022,049 06/1991 Abrahamson et al. 5,050,004 09/1991 Morton, Jr. 5,056,109 10/1991 Gilhousen et al. 5,084,900 01/1992 **Taylor** 5,093,840 03/1992 Schilling 04/1992 Gilhousen et al. 5,103,459 5,105,423 04/1992 Tanaka et al. 04/1992 Gilhousen et al. 5,109,390 5,107,225 04/1992 Wheatley et al. 5,113,525 05/1992 Andoh Huckyj et al. 05/1992 5,115,429 Gee 5,117,385 05/1992 5,140,613 08/1992 Birgenheier et al. 5,159,283 10/1992 Jensen 5,159,551 10/1992 Brunnett et al. 5,166,951 11/1992 Schilling 11/1992 Omurg et al. 5,166,952 5,193,094 03/1993 Viterbi Kim 5,199,061 03/1993 04/1993 Bruckert et al. 5,204,876 06/1993 Ling 5,216,692 5,224,120 06/1993 Schilling 5,228,054 07/1993 Rueth et al. 5,228,056 07/1993 Schilling 5.235.614 08/1993 Bruckert et al. DATE CONSIDERED **EXAMINER**

Sheet 3 of 11 **FOR** ATTY. DOCKET NO. SERIAL NO. I-2-0096.3US 10/084,007 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE **APPLICANT** Lomp et al. INFORMATION DISCLOSURE STATEMENT BY APPLICANT **FILING DATE GROUP** February 27, 2002 2634 (Use several sheets if necessary) U.S. PATENT DOCUMENTS EXAMINER FILING DATE IF INITIAL DOCUMENT NUMBER DATE CLASS SUBCLASS 08/1993 5,237,586 Bottomley 5,241,690 08/1993 Larsson et al. 5,245,629 09/1993 Hall 5,253,268 10/1993 Omura et al. 5,253,347 10/1993 Bagnoli et al. 5,257,283 10/1993 Gilhousen et al. 5,258,940 11/1993 Coker et al. 5,260,967 11/1993 Schilling 5,262,974 11/1993 Hausman et al. 5,265,119 11/1993 Gilhousen et al. 5,267,262 11/1993 Wheatley, III 5,274,474 12/1993 Medina 5,276,684 01/1994 Pearson 5,276,907 04/1994 Meidan 5,283,536 02/1994 Wheatley, III 5,287,299 02/1994 Lin 5,287,463 02/1994 Frame et al. 5,295,152 03/1994 Gudmundson et al. 5,297,162 03/1994 Lee et al. 5,299,226 03/1994 Schilling 5,299,228 03/1994 Hall 04/1994 5,305,349 Dent 5,309,474 05/1994 Gilhousen et al. 05/1994 5,311,459 D'Luna et al. 5,321,721 06/1994 Yamaura et al. 5,327,455 07/1994 DeGaudenzi et al.

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	5,327,467	07/1994	DeGaudenzi et al.			
	5,329,547	07/1994	Ling et al.			
•	5,339,174	08/1994	Harris			
	5,341,396	08/1994	Higgins et al			-,
	5,341,397	08/1994	Gudmundson			,
•	5,343,335	08/1994	Hara			
	5,345,598	09/1994	Dent			
	5,347,536	09/1994	Meehan			
	5,349,606	09/1994	Lovell et al.	<u> </u>		
•	5,351,134	09/1994	Yaguchi et al.			
•	5,353,302	10/1994	Bi			
	5,353,352	10/1994	Dent et al.			
•	5,355,453	10/1994	Row et al.			
	5,361,276	11/19994	Subrmanian			- "
•	5,363,377	11/1994	Sharpe			
	5,365,544	11/1994	Schilling			
	5,365,585	11/1994	Puhl et al.			
•	5,367,533	11/1994	Schilling			
•	5,373,502	12/1994	Turban			
	5,377,183	12/1994	Dent			
*	5,379,242	01/1995	Rose et al.			
	5,392,287	02/1995	Tiedemann, Jr. et al.			
	5,396,516	03/1995	Padovani et al.			
	5,396,539	03/1995	Sleyks et al.			
•	5,398,243	03/1995	Aguilhon et al.			
	5,404,376	04/1995	Dent			
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PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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	*	5,406,559	04/1995	Edem et al.		,	
		5,410,568	04/1995	Schilling			
		5,414,728	05/1995	Zehavi	Ì		
		5,414,729	05/1995	Fenton	<u> </u>		
	•	5,414,732	05/1995	Kauffman			
		5,416,797	05/1995	Gilhousen et al.			
	٠	5,418,624	05/1995	Ahmed	-		· · · · · · · · · · · · · · · · · · ·
		5,420,850	05/1995	Umeda et al.			
		5,420,864	05/1995	Dahlin et al.			
		5,420,896	06/1995	Schilling			
	*	5,430,724	07/1995	Fall et al.			
		5,430,760	07/1995	Dent			
		5,440,597	08/1995	Chung et al.			
		5,442,662	08/1995	Fukasawa et al.			
	•	5,446,683	08/1995	Mullen et al.			
		5,446,756	08/1995	Mallinckrodt		· · · · ·	
		5,448,600	09/1995	Lucas			
		5,459,759	10/1995	Schilling			
	٠	5,483,549	01/1996	Weinberg et al.			
		5,485,486	01/1996	Gilhousen et al.			
	•	5,487,089	01/1996	Misaizu et al.			
		5,488,629	01/1996	Takahashi et al.			
		5,506,864	04/1996	Schilling			
	•	5,509,126	04/1996	Oprescu et al.			
		5,519,736	05/1996	Ishida			

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		5,710,768	03/1999	Ziv et al.			
	•	5,712,869	01/1998	Lee et al.			, ,
	•	5,722,051	02/1998	Agrawal et al.		-	
	•	5,745,484	04/1998	Scott			
		5,748,687	05/1998	Ozluturk			
		5,771,451	06/1998	Takai et al.			
		5,781,584	07/1998	Zhou et al.			
		5,790,591	09/1998	Gold et al.			1
		5,796,776	08/1998	Lomp et al.			
_		5,812,593	09/1998	Kaku	1		
		5,828,662	10/1998	Jalali et al.		-	
	٠	5,841,768	11/1998	Ozluturk et al.			
		5,870,378	02/1999	Huang et al.			
		5,872,810	02/1999	Phillips et al.	1		•
		5,875,400	02/1999	Madhavapeddy et al.			,
		5,878,329	03/1999	Mallinckrodt			
		5,878,350	03/1999	Nakamura et al.			
		5,881,056	03/1999	Huang et al.			
		5,881,368	03/1999	Grob et al.			
		5,884,187	03/1999	Ziv et al.			
		5,884,196	03/1999	Lekven et al.			
	٠	5,898,665	04/1999	Sawahashi et al.			
	•	5,940,382	08/1999	Haim			
	•	5,953,346	09/1999	Luddy			
		5,966,403	10/1999	Pon			
	•	5,991,332	11/1999	Lomp et al.		,	- 4,0
		6,018,528	01/2000	Gitlin et al.			
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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	•	6,072,787	06/2000	Hamalainen et al.			
	•	6,088,335	07/2000	l et al.			:
ĺ		6,049,535	04/2000	Ozluturk et al.			
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	•	6,122,292	09/2000	Watanabe et al.			
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		6,434,124	08/2002	Rege			
	•	6,463,295	10/2002	Yun			
		6,519,461	02/2003	Andersson et al.	1		
	•	6,549,565	04/2003	Buehrer et al.			
		6,587,447	07/2003	Wang et al.			•
		6,654,613	11/2003	Maeng et al.	1		
	٠	6,708,041	03/2004	Butovitsch et al.			
		6,721,301	04/2004	Ozluturk et al.			
	٠	6,760,321	07/2004	Shamsunder			
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Sheet 10 of 11 ATTY. DOCKET NO. SERIAL NO. I-2-0096.3US 10/084,007 U.S. DERBRITMEND F COMMERCE PATENT AND TRADEMARK OFFICE **APPLICANT** Lomp et al. INFORMATION DISCLOSURE STATEMENT BY APPLICANT **GROUP FILING DATE** February 27, 2002 2634 (Use several sheets if necessary) FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO H5144128 06/1993 JP JP H583381 04/1993 H66374 01/1994 JP H6104694 04/1994 JP H758665 03/1995 JP H7273600 10/1995 JP H6104829 01/1996 JΡ 9013942 1990 WO 9200639 01/1992 WO WO 9221196 11/1992 04/1993 WO 9307702 9314588 07/1993 WO 9428640 12/1994 WO 9503652 WO 02/1995 WO 9507578 03/1995 05/1995 WO 9512257 9702665 01/1997 WO WO 9707600 02/1997 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Patent Abstracts of Japan, vol. 015, No. 003 (E-1019), January 7, 1991 & JP 02 256331 A (Sharp Corp.), October 17, 1990, see abstract. Raymond W. Nettleton, "Spectral Efficiency in Cellular Land-Mobile Communications: A Spread Spectrum Approach," UMI Dissertation Information Service, (1978), 204 pgs.

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